**EAST Search History**

**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|-----|------------------|---------|------------|
| L1 | 5743 | ((defocus$4 or spherical) near2 aberration ) near10 (increas$4 or add$4 or includ$4) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2010/09/19 22:56 |
| L2 | 16673 | (deform$4 or variable) near2 (mirror or reflect$4) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2010/09/19 22:56 |
| L3 | 36 | L1 same L2 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2010/09/19 22:56 |
| L4 | 1390 | (increas$4 or add$6) near3 (aberration or ((spherical or defocus or coma) near2 (aberration))) near5 (light or beam) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2010/09/19 22:56 |
| L5 | 4799 | (control$4 or chang$4 or adjust$4) near3 (wavefront or (wave adj front)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2010/09/19 22:56 |
| L6 | 8 | L4 same L5 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2010/09/19 22:56 |
| L7 | 2213 | (increas$4 or add$6) near5 (astigmatism or aberration or ((spherical or defocus or coma) near2 (aberration))) near5 (light or beam) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2010/09/19 22:56 |
| L8 | 14933 | (increas$4 or add$6) near5 (astigmatism or aberration or ((spherical or defocus or coma) near2 (aberration))) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2010/09/19 22:56 |
| L9 | 6329 | (control$4 or chang$4 or adjust$4 or modify$4) near5 (wavefront or (wave adj front)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2010/09/19 22:56 |
| L10 | 23 | L7 same L9 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2010/09/19 22:56 |

| L11 | 191 | L8 same L9 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2010/09/19 22:56 |
|---|---|---|---|---|---|---|
| L12 | 168 | L11 not L10 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2010/09/19 22:56 |
| L13 | 1 | 11/392645 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2010/09/19 22:56 |
| L14 | 0 | ("2006/0221797").URPN. | USPAT | OR | ON | 2010/09/19 22:56 |
| L15 | 12 | "6282164" | USPAT | OR | ON | 2010/09/19 22:56 |
| L16 | 6 | ("20020018409" \| "20040246834" \| "20050030877" \| "20050163015" \| "20050190681" \| "6282164").PN. | US-PGPUB; USPAT | OR | ON | 2010/09/19 22:56 |
| L17 | 2925 | (provid$4) near5 (astigmatism or aberration or ((spherical or defocus or coma) near2 (aberration))) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2010/09/19 22:56 |
| L18 | 46 | L17 same L9 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2010/09/19 22:56 |
| L19 | 0 | ("2005/0190681").URPN. | USPAT | OR | ON | 2010/09/19 22:56 |
| L20 | 215 | 369/112.29.ccls. | USPAT | OR | ON | 2010/09/19 22:56 |
| L21 | 506 | 369/112.23.ccls. | USPAT | OR | ON | 2010/09/19 22:56 |
| L22 | 16654 | (increas$4 or add$6 or provid$4) near5 (astigmatism or aberration or ((spherical or defocus or coma) near2 (aberration))) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2010/09/19 22:56 |
| L23 | 153 | L22 and (L20 or L21) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2010/09/19 22:56 |
| L24 | 144 | L23 not L11 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2010/09/19 22:56 |

| L25 | 2617 | (increas$4 or add$6 or provid$4) near5 (astigmatism or aberration or ((spherical or defocus or coma) near2 (aberration))) near5 (light or beam) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2010/09/19 22:56 |
|---|---|---|---|---|---|---|
| L26 | 53 | L25 and (L20 or L21) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2010/09/19 22:56 |
| L27 | 49 | L26 not L11 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2010/09/19 22:56 |
| L28 | 76 | ((detect$4 or measur$4 or determin$4 or judg$4) near2 tilt$4) near10 (optical near2 path) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2010/09/19 22:56 |
| L29 | 13 | L28 and "369".clas. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2010/09/19 22:56 |
| L30 | 21 | ((detect$4 or measur$4 or determin$4 or judg$4) near2 (tilt$4 or inclin$6)) near15 ((length or distance) near3 (optical near2 path)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2010/09/19 22:56 |
| L31 | 38362 | ((length or distance) near3 (optical near2 path)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2010/09/19 22:56 |
| L32 | 215 | 369/112.29.ccls. | USPAT | OR | ON | 2010/09/19 22:56 |
| L33 | 506 | 369/112.23.ccls. | USPAT | OR | ON | 2010/09/19 22:56 |
| L34 | 96 | L31 and (L32 or L33) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2010/09/19 22:56 |

**EAST Search History (Interference)**

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**9/19/2010 10:59:55 PM**
**C:\Documents and Settings\lbibbins\My Documents\EAST\Workspaces\10-560810_revC.wsp**